

Gulf of Mexico Harmful Algal Bloom Bulletin

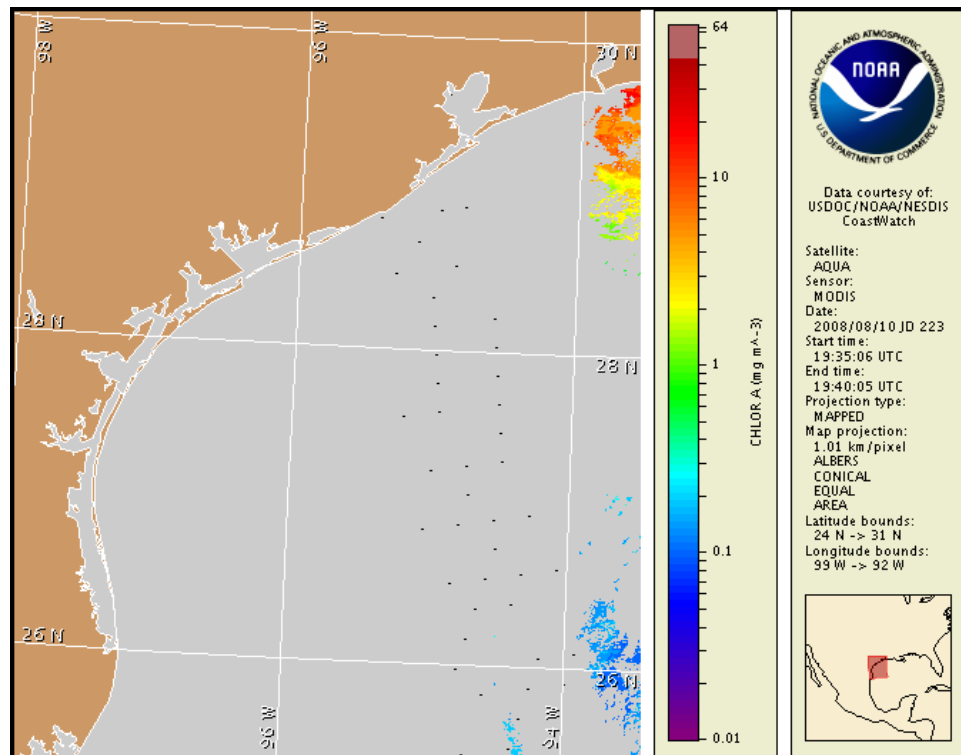
Region: Texas

13 August 2008

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: July 30, 2008



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from August 3 to 11 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

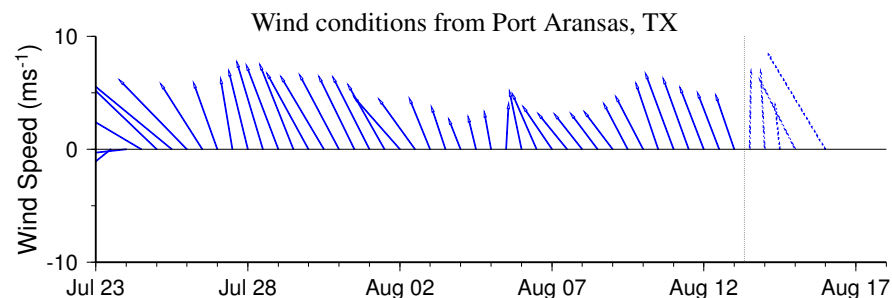
1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

Conditions Report

There are no reports of harmful algae at this time. No impacts are expected.

Analysis

There is no indication of a toxic *K. brevis* bloom along the Texas coast at this time. Recent imagery has been cloudy. -Wynne, Stumpf

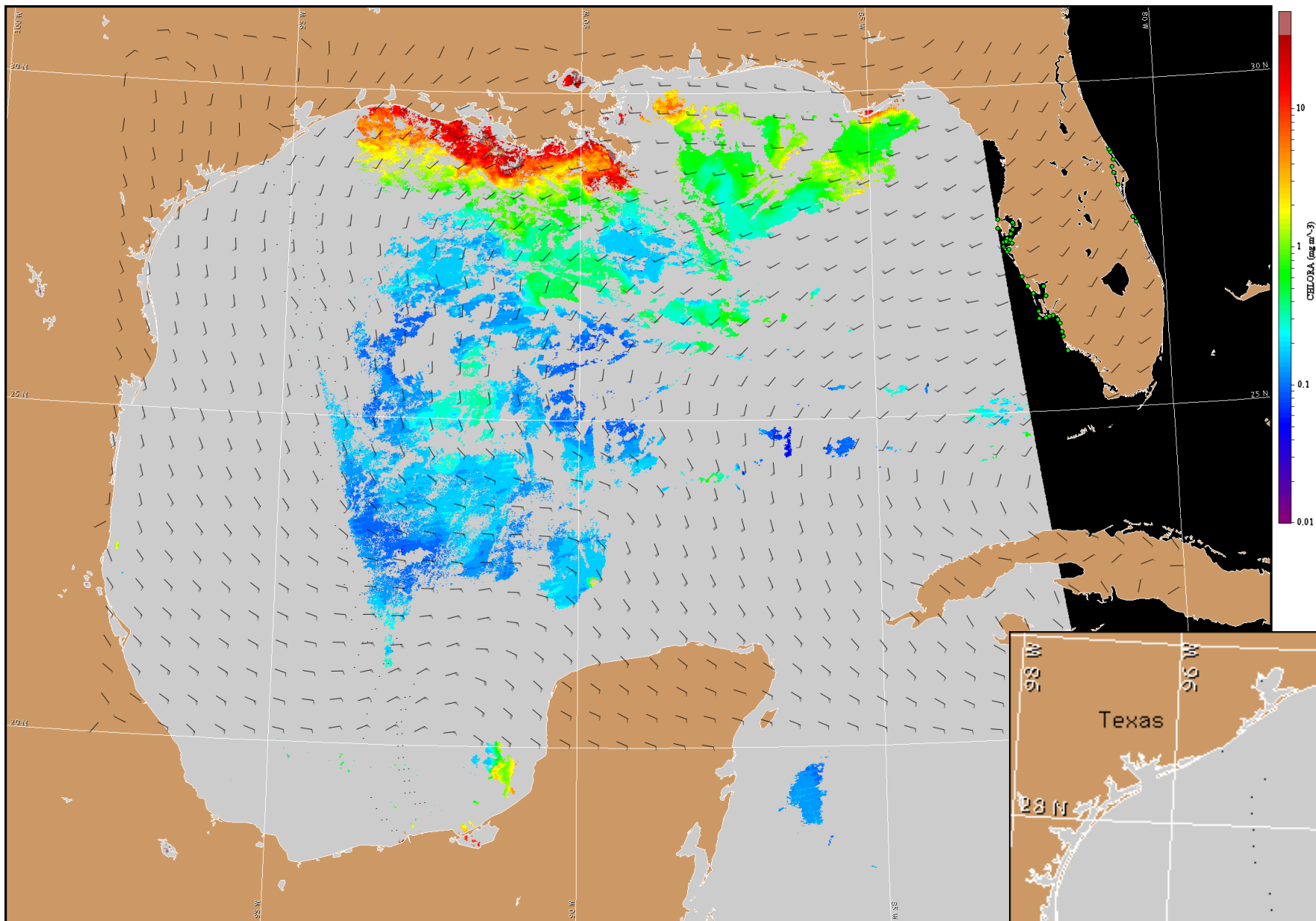


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

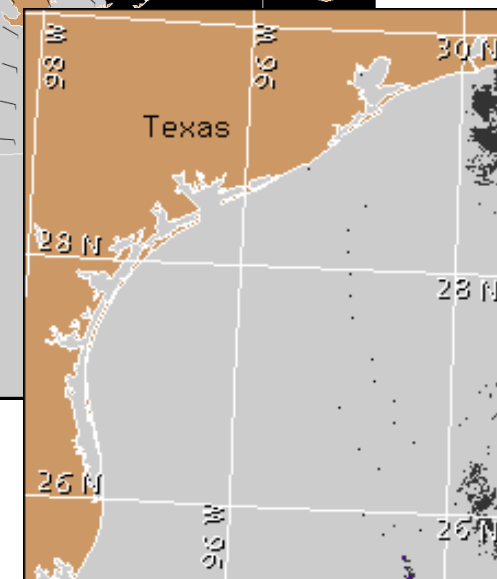
Wind Analysis

A weak to moderate onshore flow is expected through Sunday as low pressure remains west of the Gulf and high pressure remains over the Eastern Gulf. SW winds today at 10-15 knots. SE winds Thursday at 5-10 knots. SE winds Friday at 15-20 knots. South winds Saturday at 10-15 knots.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: http://coastwatch.noaa.gov/hab/bulletins_ns.htm



Satellite chlorophyll image and forecast winds for August 14, 2008 06Z with Cell concentration sampling data from August 3 to 11 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).